

Appliance Demanufacturing News

January, 2010

Issue 4

Environmental Benefits of Recycling

Recycling steel saves energy and natural resources.

- In a year, the steel industry saves the equivalent energy to electrically power about 18 million households for a year.
- By recycling one ton of steel, 2,500 pounds of iron ore, 1,400 pounds of coal and 120 pounds of limestone are conserved.
- Each year, more than 62% of the steel the domestic industry produces, is recycled.
- When you buy steel, you buy recycled.

www.recycle-steel.org



Replacing an inefficient, 20-year old refrigerator with one that has earned the government's ENERGY STAR® label will save a household roughly 700 kWh/year or more—or upwards of \$70/year.

Cash for Clunkers: Appliances

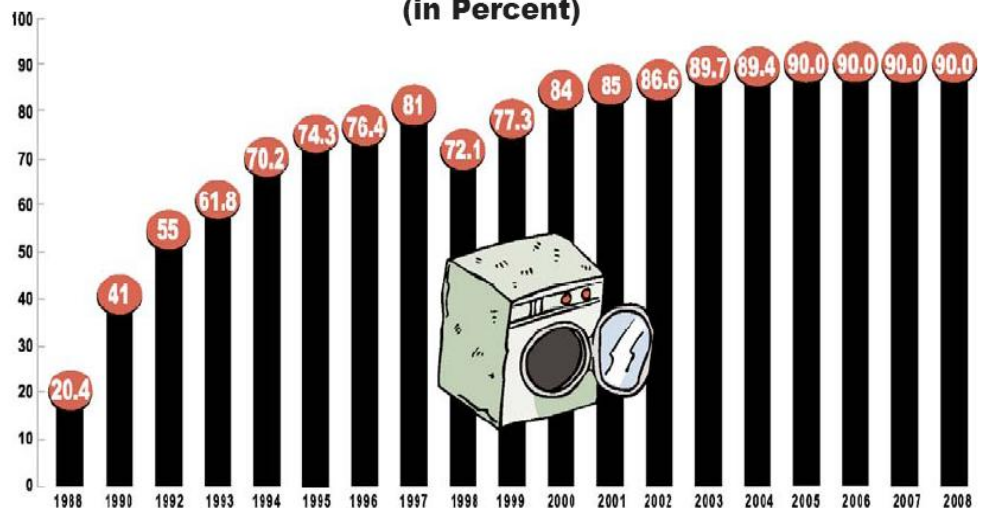
Cash for refrigerators? Yes, and other appliances! The federal government hopes a new incentive program will help the economy and the environment, persuading people it's time to replace that old washing machine. A program that kicks off March 1, 2010, will offer consumers cash to help buy new home appliances. Rebate checks will be issued that can be used to cover everything from refrigerators and dishwashers to furnaces and air conditioners. The state expects this program to be successful and funds may be depleted fast.

All participating retailers will be notified of the DNR's demanufacturing list and will be encouraged to use companies listed. This could mean more recycling for all appliance demanufacturers!

For more information, the website www.energy.iowa.gov will list all the permitted appliance demanufacturers and details about the program.

Appliance Recycling Rates

(in Percent)



2008 Steel Recycling Rates courtesy of Steel Recycling Institute.



EPA's Responsible Appliance Disposal (RAD) program is a voluntary partnership program that began in October 2006 to help protect the ozone layer and reduce emissions of greenhouse gases. As part of the RAD program, partners recover ozone-depleting chemicals from appliances. Using best practices, RAD partners ensure that:

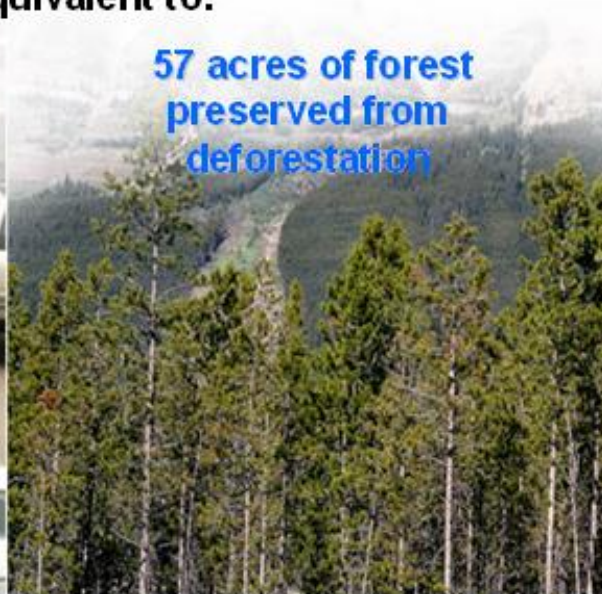
- Refrigerant is recovered and reclaimed or destroyed.
- Foam is recovered and destroyed, or the blowing agent is recovered and reclaimed.
- Metals, plastic, and glass are recycled
- PCBs, mercury, and used oil are recovered and properly disposed.

RAD partners include utilities, municipalities, retailers, manufacturers, universities, and other interested organizations. In addition to public recognition, joining the program may also serve as a way to document climate efforts. If you are interested in joining, more information can be found at:

<http://www.epa.gov/ozone/partnerships/rad/index.html> or contact Evelyn Swain at 202-343-9956.

For every 1,000 refrigerators that are prematurely retired and disposed of under the RAD Program, greenhouse gas emissions are reduced by 8,200 MTCO₂e.

This is equivalent to:



Mercury Thermostat Recycling – It's easy, it's free and it's good for the environment. For a complete list of Mercury Thermostat drop-off locations, visit www.thermostat-recycling.org.

Have questions regarding your permit? Contact Susan Johnson at 515-2812-7982 or susan.johnson@dnr.iowa.gov. *If you know of someone demanufacturing without a permit, please contact our office or field office with jurisdiction. You can remain anonymous.*